

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Hee-Cheol Choi  
Filing Date: Herewith  
Title: APPARATUS AND METHOD FOR AMPLIFYING ANALOG  
SIGNAL AND ANALOG PREPROCESSING CIRCUITS AND  
IMAGE PICK-UP CIRCUITS

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CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10

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4-14-04

Date

  
Christopher Hren

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Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☐ under 37 C.F.R. 1.129(a), or  
(First/Second submission after Final Rejection)
- ☒ under 37 C.F.R. 1.97(b), or  
(Within three months of filing national application other than a CPA under §1.53(d); or within three months of date of entry of the national stage in international application; or before mailing date of first Office Action on the merits; or before mailing date of first Office Action after filing RCE under §1.114, whichever occurs last)
- ☐ under 37 C.F.R. 1.97(c) together with either:
- ☐ a Statement under 37 C.F.R. 1.97(e), as checked below, or
- ☐ the \$180.00 fee under 37 C.F.R. 1.17(p), or  
(After the 37 C.F.R. 1.97(b) time period, but before final action or notice of allowance, or other action which closes prosecution, whichever occurs first)
- ☐ under 37 C.F.R. 1.97(d) together with:
- ☐ a Statement under 37 C.F.R. 1.97(e), as checked below, and
- ☐ the \$180.00 petition fee set forth in 37 C.F.R. 1.17(p).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Applicant(s): Hee-Cheol Choi

Statement Under 37 C.F.R. 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign application or, to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Enclosed herewith is form PTO-1449:

- ☒ Copies of cited references are enclosed.
- ☐ Copies of cited references are enclosed except those entered in prior application, U.S. Serial No. \_\_\_\_\_, and references that are not required to be submitted under 37 C.F.R. 1.98.
- ☐ The listed references were cited in a counterpart foreign application.

Concise Explanation Requirement (non-English references):

- ☐ The "concise explanation" requirement under 36 C.F.R. 1.98(a)(3)(i) for reference \_\_\_\_ is satisfied by:
  - ☐ the explanation provided on the attached sheet.
  - ☐ the explanation provided in the Specification.
  - ☐ abstract.

It is requested the information disclosed herein be made of record in this application.

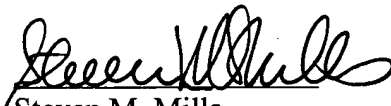
Applicant(s): Hee-Cheol Choi

Method of payment:

- ☐ Enclosed is a check in the amount of \_\_\_\_\_.
- ☐ Please charge Deposit Account of 50-1798 in the amount of \_\_\_\_\_.
- ☐ Two duplicate copies of this Statement are enclosed.
- ☒ Please charge any deficiency in fees and credit any overpayment to Deposit Account No. 50-1798.

Respectfully submitted,

Date: April 14, 2004  
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Attorney for Applicants

Subst. Form PTO-1449  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>	Docket Number (Optional)  <b>SAM-0522</b>	Application Number
	Applicant <b>Hee-Cheol Choi</b>	
	Filing Date  <b>Herewith</b>	Group Art Unit

### U. S. Patent Documents

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	<b>AA</b>	<b>2002/0033891</b>	<b>03/21/02</b>	<b>Ying, et al.</b>	<b>348</b>	<b>241</b>	<b>11/27/01</b>
	<b>AB</b>						
	<b>AC</b>						
	<b>AD</b>						
	<b>AE</b>						
	<b>AF</b>						
	<b>AG</b>						
	<b>AH</b>						
	<b>AI</b>						
	<b>AJ</b>						
	<b>AK</b>						

### FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	<b>AL</b>							
	<b>A</b>							
	<b>AN</b>							
	<b>AO</b>							
	<b>AP</b>							
	<b>AQ</b>							

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	<b>AR</b>	
	<b>AS</b>	
	<b>AT</b>	

EXAMINER	DATE CONSIDERED
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**EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.**